

REMARKS

Claims 1-18, 20-24 and 28 are pending in the application, with Claims 1, 9, 16, 18, 20, 22 and 28 being independent claims. Claims 1-18 and 20-24 are again rejected under 35 U.S.C. § 103(a) as being unpatentable over Chen (U.S. PGPUB 2002/0181423) in view of Leung (U.S. PGPUB 2003/0087653). Claim 28 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Chen in view of Leung and Alao (U.S. PGPUB 2008/0075099).

Please amend Claim 5 as set forth herein. Claim 5 has been amended to correct a typographical error. No new matter has been added.

Regarding the rejection of independent Claims 1, 9 16, 18, 20 and 22 under §103(a), the Examiner alleges that Chen in view of Leung renders the claims unpatentable, and regarding the rejection of independent Claim 28 under §103(a), the Examiner alleges that Chen in view of Leung and Alao renders the claim unpatentable. Chen discloses a method and apparatus for channel management for point-to-multipoint services in a communication system; Leung discloses a method and apparatus for data packet transport in a wireless communication system using an Internet protocol; and, Alao discloses a service gateway for interactive television.

With respect to Claims 1, 9 16, 18, 20, 22 and 28, it is respectfully submitted that the cited references fail to teach or disclose at least the transmission of high-speed data according to an interactive broadcast/multicast service transmitted from a server, opening a session between a server and a base station, and determining, by the server, a type of forward common channel as recited in the claims of the present application.

It is respectfully submitted that Chen does not teach or disclose transmitting high-speed data according to the interactive broadcast/ multicast service transmitted from a server as recited

in the claims of the present application.

The Examiner alleges that in Fig. 5, the Abstract, and paragraphs [0110]-[0111], Leung discloses providing a broadcast service to multiple users from a server and high-speed data transmission. It is respectfully submitted that this interpretation of Leung is incorrect. Leung merely discloses that a Content Server (CS) can provide MSs with broadcast content for a High Speed Broadcast Channel (HSBC). This is not and cannot be equated with the interactive broadcast/multicast service as recited in the claims of the present application.

Therefore, it is respectfully submitted that neither Chen nor Leung, alone or in combination, teach or disclose that all of the mobile stations can receive high-speed data according to the interactive broadcast/multicast service during the interactive broadcast/multicast service as in the claims of the present application.

With respect to Claim 28, and in addition to the above arguments, it is respectfully noted that Alao does not cure the deficiencies of Chen and Leung.

With respect to Claims 18, 20 and 22, each of these claims recites, in one form or another, that a session is opened for the requested interactive broadcast/multicast service between a base station and a server upon receiving an interactive broadcast/multicast service request from at least one of the plurality of mobile stations, that is, a service is initiated when the group is active. The Examiner relies on Chen as allegedly disclosing these features. In paragraphs [0048]-[0051], Chen merely discloses that a base station 104 and a controller 110 are connected by backhauls 112. Hence, Chen fails to teach or disclose opening, by the base station, a session for the requested interactive broadcast/multicast service between the base station and the server.

With respect to Claims 9 and 16, each of these claims recites, in one form or another, a

server for comparing a number of mobile stations receiving the service with a predetermined threshold, which is used to determine a type of forward common channel by a server. The Examiner alleges that Leung discloses these features. In Figs. 15A, 15B, and 16, and paragraphs [0009], [0012], [0100]-[0111] and [0113]-[0014], Leung merely discloses comparing the number of users demanding data services in a Base Station Controller (BSC) with a predetermined threshold. More specifically, Leung merely discloses the consideration of the number of users associated with the Content Server (CS) and determining a forward common channel, but fails to teach or disclose taking into consideration the number of MSs connected to a plurality of base stations in order to determine a forward common channel as in the claims of the present application.

Based on at least the foregoing, withdrawal of the rejection of Claims 1, 9 16, 18, 20, 22 and 28 under §103(a) is respectfully requested.

Independent Claims 1, 9, 16, 18, 20, 22 and 28 are believed to be in condition for allowance. Without conceding the patentability per se of dependent Claims 2-8, 10-15, 17, 21 23 and 24, these are likewise believed to be allowable by virtue of their dependence on their respective amended independent claims. Accordingly, reconsideration and withdrawal of the rejections of dependent Claims 2-8, 10-15, 17, 21 23 and 24, is respectfully requested.

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Accordingly, all of the claims pending in the Application, namely, Claims 1-18, 20-24 and 28, are believed to be in condition for allowance. Should the Examiner believe that a telephone conference or personal interview would facilitate resolution of any remaining matters, the Examiner may contact Applicants' attorney at the number given below.

Respectfully submitted,


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